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#### (54) POSITIVE TYPE PHOTSENSITIVE COLORED COMPOSITION

##### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a photosensitive colored compsn. having high sensitivity, improving the profile of a positive type chemical amplification type pattern and suitable for use in the production of a color filter by incorporating a low molecular acid-decomposable dissolution inhibiting compd. which undergoes the increase of solubility in a developer by the action of an acid and has a specified mol.wt., a colorant, etc.

**SOLUTION:** The photosensitive colored compsn. contains a resin insoluble in water but soluble in an aq. alkali soln., a compd. which generates an acid when irradiated with active light or radiation, a low molecular acid-decomposable dissolution inhibiting compd. which has an acid-decomposable group, undergoes the increase of solubility in an alkali developer by the action of the acid and has a mol.wt. of  $\leq 3,000$  and a colorant. The amt. of the alkali-soluble resin is 10-80 wt.%, preferably 20-70 wt.% of the total solid content of the colored compsn. A photo-cationic polymn. photoinitiator, a photo-radical polymn. photoinitiator or a dye photo-decoloring agent may be used as the photo-acid generating agent.

## LEGAL STATUS

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